

Table 1. Adenovirus-mediated gene transfer to rat kidney

Animal No	Viral dose (particles/rat)	Perfusion time (min)	Sac'd at	Lac Z expression		
				right kidney	left kidney	liver
1-1	$1.5 \times 10^{11}$	5	day 3 post infusion	0%	0%	10%
1-2				0%	0%	60%
1-3				0%	0%	30%
2-1	$1.5 \times 10^{11}$	15	day 3 post infusion	0%	0%	70%
2-2				0%	0%	60%
2-3				0%	0%	40%
3-1	$7.5 \times 10^{11}$	5	day 3 post infusion	0%	0%	95%
3-2				0%	0%	70%
3-3				0%	0%	80%
4-1	$7.5 \times 10^{11}$	15	day 3 post infusion	30% glomeruli	0%	80%
4-2				50% glomeruli	0%	100%
4-3				70% glomeruli	0%	100%
5-1	$7.5 \times 10^{11}$	15	day 21 post infusion	10% glomeruli	0%	30%
5-2				10% glomeruli	0%	50%
5-3				15% glomeruli	0%	40%

Tissue samples from four animals were examined at each time point. Quantification was made by counting lacZ positive cells (in liver) or renal glomeruli in ten microscopic fields with 100x magnification. A lacZ positive glomerulus is defined as a glomerulus that contains at least three lacZ positive cells.

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